

CLASS XII
ENGLISH-301
SPLIT-UP SYLLABUS 2025-2026

EXAM	TOPIC/CHAPTER	Activities/Project Practical	WEIGHTAGE
PT-I APRIL To JUNE	Flamingo <ul style="list-style-type: none"> • <i>Prose</i>: 1. The Last Lesson 2. Lost Spring 3. Deep Water • <i>Poetry</i>: 1. My Mother at Sixty-Six 2. Keeping Quiet (poetry) Reading Comprehension <ul style="list-style-type: none"> (i) Unseen Passage (ii) Case-Based Supplementary Reader - Vistas <ul style="list-style-type: none"> 1. The Third Level (prose) 2. The Tiger King (prose) Creative Writing Skills <ul style="list-style-type: none"> 1. Notice writing 	<ul style="list-style-type: none"> 2. Cultural Awareness Activity: Each student brings a beautiful piece of writing in their mother tongue. 3. Poster Making Activity: Theme: “Say No to Child Labor” 4. Valued Based Activity: Turn the story <i>Deep Water</i> into a short motivational poem. 5. Collect a sample of notices. 6. Creative Writing: Poem on ‘escapism’. 	
HALF – YEARLY JULY To SEPTEMBER	Flamingo <ul style="list-style-type: none"> • <i>Prose</i>: 4. The Rattrap 5. Indigo 6. Poets and Pan Cakes • <i>Poetry</i>: 3. A Thing of Beauty 4. A Roadside Stand Supplementary Reader - Vistas <ul style="list-style-type: none"> 3. Journey to the end of the earth 4. The Enemy 5. On The Face of It Creative Writing Skills <ul style="list-style-type: none"> 2. Invitation and Replies 3. Letter to the Editor and Job Application 	<ul style="list-style-type: none"> 6. Role Play: Enacting scenes from a story as a 21st Century Skills Activity. 7. Collect a sample of Wedding Card. 8. Creative Writing: Essay on the theme of Patriotism. 9. Creative Writing: Write a short story based on the theme of ‘Isolation’. 	Flamingo - 27 Vistas - 13 Reading Comprehension- 22 (12+10) Writing-18 (4+4+5+5)
PT-II OCTOBER To DECEMBER	Flamingo <ul style="list-style-type: none"> • <i>Prose</i>: 7. The Interview 8. Going Places • <i>Poetry</i>: 5. Aunt Jennifer’s Tigers Supplementary Reader - Vistas <ul style="list-style-type: none"> 6. Memories of Childhood Creative Writing Skills <ul style="list-style-type: none"> 4. Article Writing 5. Report Writing 	<ul style="list-style-type: none"> 10. Role Play and Analysis: Based on ‘In the Interviewer’s Chair’ 11. Debate: Topic- Are childhood memories generally positive or negative influences on adulthood? 	
YEARLY JANUARY To MARCH	REVISION TOTAL MARKS	12. Presentation: (Any topic on Vistas & Flamingo)	80

CLASS XII
PSYCHOLOGY-037
SPLIT-UP SYLLABUS 2025-2026

EXAM	TOPIC/CHAPTER	Experiments/Activity/Project	WEIGHTAGE
PT-I APRIL To JUNE	Ch-1: Variations in Psychological Attributes Ch-2: Meeting Life Challenges	1. Psychometric Testing: Multiple Intelligence Test condition of perceived stress scale	22
HALF – YEARLY JULY To SEPTEMBER	Ch-3: Self and Personality Ch-4: Psychological disorders	2. Self-Assessment: Self-concept questionnaire: Screening of movie “A Beautiful Mind” and review.	25
PT-II OCTOBER To DECEMBER	Ch-5: Attitude and Social Cognition Ch-6: Therapeutic Approaches	3. Field Research: A report on one’s experience of attitude change research on the various psychological counselling/therapeutic services in our town.	17
YEARLY JANUARY To MARCH	Ch-7: Social Influence and Group Processes REVISION	4. Project: Replication of Tuckman’s Stages of Group Formation.	6
	TOTAL MARKS		70

CLASS-XII
PHYSICAL EDUCATION-048
SPLIT-UP SYLLABUS 2025-26

EXAM	TOPIC/CHAPTER	Activity/Project	WEIGHTAGE
PT-I APRIL To JUNE	Unit I: Management of sporting Events Unit II: Children and Women in Sports Unit III: Yoga and preventive Measure for Lifestyle Disease	1. Event Management in Sports: How to organize sports or tournament (planning, organizing and Fixture). 2. Drawing and Classification: Draw and identify different kinds of Posture. 3. Yoga Demonstration: Presentation on Asanas	9 7 7
HALF – YEARLY JULY To SEPTEMBER	Unit IV: Physical Education & Sports for CWSN (Children with Special Needs) Unit V: Test & measurement in sports. Unit VI: Physiology & injuries in sports. Unit VII: Biomechanics & sports.	4. Fixture Drawing and Format Design: Draw a Fixture- Knock out tournament and league tournament. 5. Game Design: Design an Inclusive Sports/Game 6. Practical Test: Calculate your own Harvard Step Test and evaluate it using the Fitness Index Score.	8 8 8 10
PT-II OCTOBER To DECEMBER	Unit VIII: Sports and Nutrition Unit IX: Psychology & sports. Unit X: Training in sports	7. Awareness Peer Campaign: To sensitize students about the needs of CWSN. 8. Concept Mapping: Write the concept of talent identification in sports on a chart paper.	7 7 9
YEARLY JANUARY To MARCH	REVISION		
	TOTAL MARKS		80

CLASS XII
MATHEMATICS-041
SPLIT-UP SYLLABUS 2025-2026

EXAM	TOPIC/CHAPTER	Experiments/Activity/Project	WEIGHTAGE
PT-I APRIL To JUNE	Ch-1: Relations and Functions	1. Set Theory Problem Solving: To determine the number of relations on the set $A = \{1,2,3\}$ Containing (1,2) and (2,3) that are reflexive, transitive but not symmetric.	4
	Ch-2: Inverse Trigonometric Functions		4
	Ch-12: Linear Programming		5
	Ch-3: Matrices		5
	Ch-4: Determinants		5
HALF – YEARLY JULY To SEPTEMBER	Ch-7: Integrals	2. Problem Modelling: To understand how to model real-world scenarios using variable, constraints and objective functions in the forms of linear Programming Problem.	7
	Ch-8: Applications of Integral		7
	Ch-5: Continuity and Differentiability		7
	Ch-6: Application of Derivatives		7
PT-II OCTOBER To DECEMBER	Ch-9: Differential Equation	3. Conceptual Demonstration on Hypothetical Case: To explain the computation of conditional Probability of a given event A, when event B has already occurred through an example of throwing a pair of dice.	7
	Ch-13: Probability		8
	Ch-10: Vectors		7
	Ch-11: Three-Dimensional Geometry		7
YEARLY JANUARY To MARCH	REVISION	4. Algebraic Demonstration: To demonstrate a function which is <i>one-one</i> but not <i>onto</i> .	
	TOTAL MARKS		70

CLASS XII
BIOLOGY-044
SPLIT-UP SYLLABUS 2025-2026

EXAM	TOPIC/CHAPTER	Experiments/Activity/Project	WEIGHTAGE
PT-I APRIL To JUNE	Ch-1: Sexual Reproduction in Flowering Plants Ch-2: Human Reproduction Ch-7: Human Health and Disease Ch-8: Microbes in Human Welfare	<ol style="list-style-type: none"> Inquiry based Task: Dissection of flowers. Experimental study on artificial Hybridization. Creative Model Making: Gametogenesis in human. Spotting: Disease causing organisms-<i>Plasmodium</i> and <i>Ascaris</i>. Chart making: Structure of a Sewage Treatment Plant 	25
HALF – YEARLY JULY To SEPTEMBER	Ch-3: Reproductive Health Ch-4: Principles of Inheritance and Variations Ch-5: Molecular Basis of Inheritance Ch-6: Evolution	<ol style="list-style-type: none"> Inquiry Based Task: Case study on ART (Assisted Reproductive Technology). Exploring Genetic Inheritance: a family study of ear lobe attachment and tongue curling traits. Concept Map Chart: Timeline and Diagrams of Experiments for ‘The Search for Genetic Material’. Creative Chart making: Flowchart for Human Evolution. 	23
PT-II OCTOBER To DECEMBER	Ch-11: Organisms and Populations Ch-12: Ecosystem Ch-13: Biodiversity and Conservation Ch-9: Biotechnology: Principles and Processes Ch-10: Biotechnology and its Applications	<ol style="list-style-type: none"> Data Interpretation Task: Study of Birth rate and death rate in one’s locality. Research and Report: Tracking plant growth and calculating the Primary Productivity. Lab-Based/Field Survey Experiments: Isolation of DNA from Onion. A Quadrat Study. Concept Map Chart: Steps in rDNA process. Gene therapy process. 	22
YEARLY JANUARY To MARCH	REVISION		
	TOTAL MARKS		70

CLASS XII
PHYSICS-042
SPLIT-UP SYLLABUS 2025-2026

EXAM	TOPIC/CHAPTER	Experiments/Activity/Project	WEIGHTAGE
PT-I APRIL To JUNE	Ch-1: Electric fields and Charges Ch-2: Electrostatic Potential Ch-3: Current Electricity Ch-9: Ray Optics and Optical Instruments Ch-10: Wave Optics	1. Experiments: To determine resistivity of two wires by plotting graphs. 2. Visual Representation Activity: Use a laser pointer and glass block to demonstrate refraction and total internal reflection.	25
HALF – YEARLY JULY To SEPTEMBER	Ch-4: Moving Charges and Magnetism Ch-5: Magnetism and Matter Ch-11: Dual Nature of Radiation and Matter Ch-12: Atoms and Nuclei	3. Experiments: To find resistance of wires by using meter bridge. To verify the law of combination of resistors series using meter bridge. 4. Visual Representation Activity: Use a spectrum tube and diffraction grating to observe hydrogen emission lines.	27
PT-II OCTOBER To DECEMBER	Ch-6: Electromagnetic Induction Ch-7: Alternating Current Ch-8: Electromagnetic Waves Ch-14: Semiconductor Electronics	5. Experiments: To verify law of combination of resistors in parallel using meter bridge. To plot the V/I graph for <i>pn</i> -junction diode. 6. Simulation Activity: Build a simple rectifier or logic gate circuit using basic electronic components or simulators.	18
YEARLY JANUARY To MARCH	REVISION		
	TOTAL MARKS		70

CLASS XII
CHEMISTRY-043
SPLIT-UP SYLLABUS 2025-2026

EXAM	TOPIC/CHAPTER	Experiments/Activity/Project	WEIGHTAGE
PT-I APRIL To JUNE	Unit I: Solution	1. Experiment:	7
	Unit II: Electrochemistry	To detect cations and anions.	9
	Unit VI: Haloalkane and Haloarene	2. Activity:	6
	Unit VII: Alcohols, Phenols and Ethers	Lucas' test to determine the type of alcohol.	6
HALF – YEARLY JULY To SEPTEMBER	Unit III: Chemical Kinetics	3. Experiments:	7
	Unit VIII: Aldehydes, Ketones and Carboxylic Acids	To study the effect of concentration on rate of reaction. To determine molarity and strength of KMnO ₄ . To determine the strength of Ferrous Ammonium Sulphate To test the functional group present in the given organic compounds.	8
PT-II OCTOBER To DECEMBER	Unit IV: The <i>d</i> - and <i>f</i> -Block Elements	4. Creative Chart Making:	7
	Unit V: Co-ordination Compounds	To make a chart of the periodic table.	7
	Unit IX: Amines	5. Experiment:	6
	Unit X: Biomolecules	To study the presence of carbohydrates, fats and proteins.	7
YEARLY JANUARY To MARCH	REVISION	6. Creative Chart Making All the name reactions from all the chapters.	
	TOTAL MARKS		70